

RAW SEQUENCE LISTING

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Application Serial Number: 10/577,688
Source: IFUP
Date Processed by STIC: 05/11/2006

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IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/577,688

DATE: 05/11/2006
TIME: 11:20:00

Input Set : A:\TESHP103US.txt
Output Set: N:\CRF4\05112006\J577688.raw

3 <110> APPLICANT: TOAGOSEI CO., LTD
5 <120> TITLE OF INVENTION: ANTIMICROBIAL PEPTIDE AND USE THEREOF
7 <130> FILE REFERENCE: TESHP103US
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/577,688
C--> 9 <141> CURRENT FILING DATE: 2006-04-28
9 <150> PRIOR APPLICATION NUMBER: JP 2003-369595
10 <151> PRIOR FILING DATE: 2003-10-29
12 <160> NUMBER OF SEQ ID NOS: 38
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 6
18 <212> TYPE: PRT
19 <213> ORGANISM: Homo sapiens
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24 1 5
27 <210> SEQ ID NO: 2
28 <211> LENGTH: 6
29 <212> TYPE: PRT
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35 1 5
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39 <211> LENGTH: 6
40 <212> TYPE: PRT
41 <213> ORGANISM: Arabidopsis thaliana
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45 Cys Leu Phe Trp Leu Leu
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49 <210> SEQ ID NO: 4
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51 <212> TYPE: PRT
52 <213> ORGANISM: Saccharomyces cerevisiae
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60 <210> SEQ ID NO: 5
61 <211> LENGTH: 6
62 <212> TYPE: PRT
63 <213> ORGANISM: Haloarcula marismortui
65 <400> SEQUENCE: 5
67 Val Val Tyr Trp Leu Leu

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68 1 5
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 6
73 <212> TYPE: PRT
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79 1 5
82 <210> SEQ ID NO: 7
83 <211> LENGTH: 6
84 <212> TYPE: PRT
85 <213> ORGANISM: Pediococcus acidilactici
87 <400> SEQUENCE: 7
89 Leu Ile Thr Ser Lys Met
90 1 5
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94 <211> LENGTH: 6
95 <212> TYPE: PRT
96 <213> ORGANISM: Acanthamoeba castellanii
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101 1 5
104 <210> SEQ ID NO: 9
105 <211> LENGTH: 6
106 <212> TYPE: PRT
107 <213> ORGANISM: Staphylococcus aureus
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117 <212> TYPE: PRT
118 <213> ORGANISM: Artificial Sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
137 <400> SEQUENCE: 11
139 Arg Lys Lys Lys Arg Lys Val Leu Met Trp Trp Met Leu
140 1 5 10
143 <210> SEQ ID NO: 12
144 <211> LENGTH: 13

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145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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168 1 5 10
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172 <211> LENGTH: 13
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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187 <212> TYPE: PRT
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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202 <213> ORGANISM: Artificial Sequence
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213 <210> SEQ ID NO: 17
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215 <212> TYPE: PRT
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:

219 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group

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237 Arg Lys Lys Lys Arg Lys Val Val Val Tyr Trp Leu Leu Arg
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241 <210> SEQ ID NO: 19
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243 <212> TYPE: PRT
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272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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285 <212> TYPE: PRT
286 <213> ORGANISM: Artificial Sequence
288 <220> FEATURE:
289 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
291 <400> SEQUENCE: 22
293 Arg Lys Arg Lys Arg Lys Arg Leu Met Trp Trp Met Leu
294 1 5 10

297 <210> SEQ ID NO: 23

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298 <211> LENGTH: 14
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300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
305 <400> SEQUENCE: 23
307 Arg Ile Arg Lys Lys Leu Arg Leu Met Trp Trp Met Leu Arg
308 1 5 10
311 <210> SEQ ID NO: 24
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313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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321 Leu Lys Arg Lys Leu Gln Arg Leu Met Trp Trp Met Leu
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325 <210> SEQ ID NO: 25
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327 <212> TYPE: PRT
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: Designed antimicrobial peptide
333 <400> SEQUENCE: 25
335 Arg Lys Lys Lys Arg Lys Val Leu Met Trp Trp Met Leu Arg
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341 <212> TYPE: PRT
342 <213> ORGANISM: Artificial Sequence
344 <220> FEATURE:
345 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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353 <210> SEQ ID NO: 27
354 <211> LENGTH: 14
355 <212> TYPE: PRT
356 <213> ORGANISM: Artificial Sequence
358 <220> FEATURE:
359 <223> OTHER INFORMATION: Designed antimicrobial peptide containing a terminal amide group
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367 <210> SEQ ID NO: 28
368 <211> LENGTH: 15
369 <212> TYPE: PRT
370 <213> ORGANISM: Artificial Sequence
372 <220> FEATURE:

VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date